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AUTOMOTIVE INDUSTRY TO UP OUTPUT IN 1950

PLAN IS 90 PERCENT GREATER THAN FOR 1949 -- Slowo Polskie, No 3, 22 Jan 50

Engr M. Krajewski, chief director of the Central Board of the Automotive Industry, issued a statement to the press on the problems facing the industry at the beginning of 1950, the first year of the Six-Year Plan.

The 1950 production plan for the automotive industry is 90 percent greater than for 1949. The industry must not only supply transport with the required number of vehicles but must also mechanize agriculture.

The 1949 production of Star trucks will be doubled in 1950. The Star truck, entirely of Polish design and manufacture, is more economical in fuel consumption than foreign makes and its road performance is excellent.

Production of motor-car trailers and tractor trailers will increase 60 percent over 1949. It is planned to increase the use of trailers in the building industry and in agriculture. A new type trailer for use in forestry will be manufactured.

Production of motor-car bodies, including busses and fire trucks, will increase 260 percent over 1949.

Production of motorcycles will increase 50 percent over 1949 production. By the end of 1950, a new model 100-cubic centimeter motorcycle with a telescopic fork will be put on the market. Formerly only three types of bicycles, men's and women's touring bicycle and a racing bicycle, were manufactured; in 1950 production will include sport bicycles, lighter type touring bicycles, and children's bicycles.

The automotive industry will also manufacture all type brakes, special machine tools, electric sewing machines, and other items.

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New methods will be adapted, especially high-speed cutting, and it is expected that innovators' clubs will assist greatly in achieving the goal.

Large credits have been allotted for social-service activities and workers' housing projects. It is planned to increase the number of nurseries, nursery schools, recreation centers, and mother-and-child care centers.

NEW INVENTIONS TO ASSURE INDUSTRIAL SAVINGS -- Ziemia Pomorska, No 337, 8 Dec 49

Recently, the Chief Innovators' Committee of the Central Board of the Metal Industry approved two important innovations which will assure a great industrial savings.

The first invention is an application of the electric-spark grinding process in grinding tools, which will greatly reduce imports of corundum grinding wheels. The inventors received an advance of 240,000 zlotys against the premium. It was recommended that all metal plants use the new process.

The second innovation, submitted by Engineer Kurski, is a process of preparing alloys from a new combination of metals, resulting in savings of 500 million zlotys a year. The inventor received an advance of 150,000 zlotys on account.

OPENS INNOVATORS' ADVISORY CENTER -- Slowo Polskie, No 3, 22 Jan 50

The Slask Politechnicum in Gliwice opened an innovators' advisory center in October 1949. The center is a liaison between workers and Scientists and keeps in close contact with the innovators' clubs in the various factories through special deputies chosen among scientific workers in the Slask Politechnicum.

One of the more important inventions recently approved by the center is a brick-laying machine invented by Engr Wlodzimierz Brucy. Karol Feliksiak, a worker at the Wire Factory No 2, invented a metal planing machine working in both directions, which eliminates the idle run and increases planing speed by 25 percent.

NEW PRODUCTIVITY RECORDS -- Rzeczpospolita, No 352, 22 Dec 49

Czeslaw Passon of the Joseph Stalin Metal Processing Plant in Poznan achieved 700 meters per minute in metal cutting, setting a new record.

Mieczyslaw Celemerowski of the Wielkopolska Mechanical Equipment Plants set a new record of 380 meters per minute in screw thread cutting.

STEEL SCRAP SALVAGED -- Dziennik Polski, No 14, 16 Jan 50

A special correspondent of Dziennik Polski recently visited various shops in the Gdansk shipyard. In the machine-tool shop there are lathes, milling machines, thread-cutting machines, planing machines, bending machines, drilling machines, stamping machines, and many other highly complicated machines. Hundreds of blades cut iron, steel, and brass with the greatest ease. Formless slabs of metal are changed into wheels, rollers, gears, bearings, and levers to be used for the building of ship engines. Everything seems to operate in clock-like fashion.

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Five years ago, machines were lying in mud and dirt, and rust corroded the gears, bearings, etc. Some of the equipment was salvaged.

The forge is small, with only a furnace and pneumatic hammer. Nothing is wasted; small boxes are kept near the forge for metal scraps. Recently, one of the workers in the forge saved 50 kilograms of valuable copper and made small tool hammers. Two years ago, the same worker found broken lathe cutting tools made of high-speed cutting steel among the scrap left by the Germans. The cutting tools were salvaged and used to tip cutting tools of ordinary steel. Enough was salvaged to tip 3,000 cutting tools.

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